

**ABSTRACT**

The present invention relates to a closed system and method for selectively infusing anesthetics into a peripheral nerve or plexus. A method of providing long term pain management is disclosed herein. In the method, a catheter is surgically implanted to create an infusion site at a peripheral neural structure. An implantable pump and reservoir are surgically implanted in subcutaneous tissue. The pump is then operated to deliver a predetermined dosage of medication through the catheter into the infusion site, whereby pain management is provided.